

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : Ken'ichi IMAMATSU  
Filed : Concurrently herewith  
For : METHOD AND APPARATUS FOR....  
Serial No. : Concurrently herewith

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 10, 2003

**INFORMATION DISCLOSURE STATEMENT**

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449. Copies of such documents were made of record in the parent case, U.S. Patent Application No.: 09/634,389 filed August 9, 2000. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this Statement is being filed prior to issuance of a first Office Action, no fee is due.

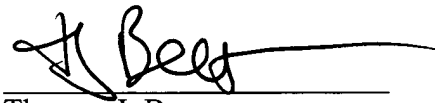
The present Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the

Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "T. Bean", written over a horizontal line.

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Docket No: FUJI 17.634A

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**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

Sheet 1 of 1

Application No.	:
Filing Date	:
First Named Inventor:	K. IMAMATSU
Group Art Unit	:
Examiner Name	:
Attorney Docket No.	: FUJI 17.634A

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		5,931,905		Hashimoto et al.	08-1999	
		6,266,810		Tanaka et al.	07-2001	
		6,496,979		Chen et al.	12-2002	
		6,493,871		McGuire et al.	12-2002	
		6,553,507		Cohen	04-2003	
		6,438,748		Gard et al.	08-2002	
		6,263,497		Maeda et al.	07-2001	
		6,397,060		Oikawa	05-2002	
		6,308,061		Criss et al.	10-2001	
		5,848,064		Cowan	12-1998	
		5,896,566		Averbuch et al.	04-1999	
		5,901,320		Takahashi et al.	05-1999	
		5,430,877		Naylor	07-1995	
		5,802,585		Scales et al.	09-1998	
		6,202,135		Kedem et al.	03-2001	

**FOREIGN DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		10-198554	JP	Hitachi Ltd. Hitachi Inf	07-31-1998	
		6-311200	JP	Nippon Telegr & Teleph Corp. <NTT>	11-04-1994	
		62-38624	JP	Nec Corp.	02-19-1987	
		5-57945	JP	Seiko Epson Corp.	03-09-1993	
		7-219974	JP	Canon Inc.	08-18-1995	
		9-190353	JP	Sony Corp.	07-22-1997	
		61-220535	JP	Nec Corp.	09-30-1986	

## Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		Symborski. Updating Software and Configuration Data in a Distributed Communication Network. IEEE 1988.	
		Forsberg et al. Distributing Mobility Agent Hierarchically under Frequent Location Updates. IEEE 1999.	
		Higaki. Group Communications Algorithm for Dynamically Updating in Distributed Systems. IEEE 1994	
		Burns et al. In Place reconstruction of Delta Compressed files. ACM, 1998	
		Frieder et al. Dynamic Program Modification in Telecommunications Systems. IEEE, July 1989	
Examiner Signature			Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

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